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IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) Non-leaching, curable, adhesive system
comprising:

at least one monomer, selected from among the group of acrylate and methacrylate monomers, allylic monomers, norbornene monomers, mixtures of said monomers, hybrid monomers containing chemically different polymerizable groups in one monomer, and multifunctional thiol monomers, provided that said thiol is used in combination with at least one of said non-thiol monomers; and
a polymerization initiator.

2. (original) Non-leaching, curable, adhesive system according to claim 1, wherein at least one of said monomers, not being a thiol, is provided with at least two functional polymerizable groups.

3. (original) Non-leaching adhesive system according to claim 1, wherein said allylic monomer is selected from the group of the diallylic ester of isophorone diisocyanate, triallyl cyanurate and -isocyanurate, and di- and triallyl ether of trimethylolpropane.

4. (original) Non-leaching adhesive system according to claim 1, wherein said multifunctional thiol is selected from the group of trimethylolpropane trithiol, pentaerythritol tetrathiol, and the ethoxylated homologs of these compounds.

5. (original) Non-leaching adhesive system according to claim 1, wherein said acrylate monomer is 2,2-bis[4-(3-acryloyloxy-2-hydroxypropoxy)phenyl]propane.

6.(original) Non-leaching adhesive system according to claim 1, wherein said initiator is a photo-initiator, especially an UV initiator, a thermal initiator, or a combination of both.

7.(original) Non-leaching adhesive system according to claim 1, wherein said system further comprises a reactive diluent.

8.(currently amended) Non-leaching adhesive system according to claim 1, wherein said reactive diluent is an acrylate or a methacrylate diluent, preferably a di- or multi- acrylate or methacrylate diluent.

9.(original) Non-leaching, curable, adhesive composition, comprising (a) an adhesive system as defined in claim 1, and (b) a surface activating agent.

10.(original) Adhesive composition according to claim 9, wherein said surface activating agent is an acrylic or methacrylic silane coupling agent.

11.(original) Adhesive composition according to claim 10, wherein said methacrylic silane coupling agent is γ -methacryloyloxypropyltrimethoxysilane.

12.(original) A process for the metal-to-metal and metal-to-glass adhesion by applying a coating of a curable, adhesive system, based on monomers as defined in claim 1, to the surfaces of parts to be joined, joining the thus coated surfaces of said parts and curing the combination, wherein the surfaces to be joined are pretreated

with a surface activating agent before the application of the adhesive system.

13.(original) A process according to claim 12, wherein said surface activating agent is an acrylic or methacrylic silane coupling agent.

14.(original) A process according to claim 13, wherein said methacrylic silane coupling agent is γ -methacryloyloxypropyltrimethoxysilane.

15.(original) Use of a non-leaching, curable, adhesive system, based on monomers as defined in claim 1 for the adhesion of a metal film to another metal film or a glass substrate of a liquid immersion objective, to be used for the preparation of a substrate, in particular an optical master disc.

16.(original) A liquid immersion objective, to be used for the preparation of a substrate, in particular an optical master disc, comprising a stack of metal films (8), an immersion objective lens (5), being provided in a through-hole (9), in said stack of metal films, and a substrate (2), being provided with a photo-resist layer (4) facing the immersion lens (5), said photo-resist layer and the immersion lens being separated by a water film (1), the water supply channel (3) thereof being provided between and through said stack of metal films (8) such that said water supply channel discharges into the interface between said objective lens and said substrate, said metal films and immersion lens being mutually bonded by means of an adhesive system according to claim 1.

17.(original) Use of a non-leaching, curable, adhesive system, based on monomers as defined in claim 1 for the mutual adhesion of at least two bodies, selected from among the group, consisting of metal films, (quartz-)glass substrates, and polymeric films, for the manufacturing and /or assembling of catheters, biosensors and other biomedical devices likely to come into contact with fluids and tissue.